SQL> DESC MCAStudent			
Name	Null?	Type 	
			4
STUDENT		PERSON	, 🖳
STUDENTFEES		FEES	er Late
SQL> SET DESCRIBE DEPTH 2			A.
SQL> DESC MCAStudent			
Name	Null?	Type	
STUDENT		PERSON	
PERSONID		NUMBER (6)	
PERSONFULLNAME	40	NAME	
PERSONDOB	4	DATE	
PERSONADDRESS		ADDRESS	
STUDENTFEES	11/1/2	FEES	
TUTIONFEES	A A M	NUMBER(8,2)	
LABFEES		NUMBER (6,2)	
SPORTSFEES		NUMBER (6,2)	
LIBRARYFEES	A TOTAL OF THE PROPERTY OF THE	NUMBER(6,2)	
EXAMFEES	*	NUMBER(6,2)	
TRANSPORTFEES		NUMBER $(7,2)$	
HOSTELFEES	A "	NUMBER(8,2)	
MESSFEES		NUMBER(8,2)	
SQL> SET DESCRIBE DEPTH 8			
SQL> DESC MCAStudent			
Name	Null?	Туре	
STUDENT		PERSON	
PERSONID		NUMBER (6)	
PERSONFULLNAME		NAME	
FIRSTNAME		VARCHAR2 (20)	
MIDDLENAME		VARCHAR2 (20)	
DASTNAME		VARCHAR2 (20)	
PERSONDOB		DATE	
PERSONADDRESS		ADDRESS	
HOUSENUM		VARCHAR2 (15)	
STREET		VARCHAR2(20)	
CITY		VARCHAR2(20)	
DISTRICT		VARCHAR2(20)	
STATE		VARCHAR2(20)	
COUNTRY		VARCHAR2(20)	
PIN		CHAR (6)	

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```
.....
 STUDENTFEES
   TUTIONFEES
                                                    NUMBER (8,2)
   LABFEES
                                                    NUMBER (6, 2)
   SPORTSFEES
                                                    NUMBER (6, 2)
   LIBRARYFEES
                                                    NUMBER (6, 2)
   EXAMFEES
                                                    NUMBER (6,2)
                                                    NUMBER (7,2)
   TRANSPORTFEES
   HOSTELFEES
                                                    NUMBER (8, 2)
  MESSFEES
                                                    NUMBER (8,2)
SOL> INSERT INTO
  2 MCAStudent
  3
  4
        Student
  5
       , StudentFees
  6
    )
  7
    VALUES
  8
     (
  9
     PERSON
 10
     (
     1234,
 11
 12
     NAME
13
                      'KUMAR',
14
           'SATHISH',
 15
 16
      ,'02-OCT-86'
 17
     , ADDRESS
18
 19
 20
 21
 22
 23
                   ANDHRA PRADESH'
 24
                   INDIA'
                  '500016'
 25
 26
 27
 28
 29
 30
            6000
            ,2000
           ,1500
           ,5000
           ,20000
           ,12000
 36
           ,27000
 37
 38
 39
```

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1 row created. SOL> INSERT INTO 2 MCAStudent 3 4 Student 5 , StudentFees) 6 7 VALUES 8 (9 PERSON 10 11 1235, 12 NAME 13 'RAVI', 'KUMAR', 'SHARMA' 14 15) 16 ,'03-JAN-86' 17 , ADDRESS 18 19 '2-716/B/6' 20 , 'SHIVAM ROAD' 21 'HYDERABAD' 22 'RANGA REDDY' 23 'ANDHRA PRADES 24 'INDIA' 25 26 27 28 , FEES 29 30 100000 31 .6000 32 2000 33 34 35 12000 36 37 27000 created. INSERT INTO SOL> 2 MCAStudent 3

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Student

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```
,StudentFees
  6
     )
  7
     VALUES
  8
     (
  9
     PERSON
 10
     (
     1236,
 11
 12
      NAME
 13
            'RAMANA', 'KUMAR', 'RANJAN'
 14
 15
      ,'23-JUN-86'
 16
 17
      , ADDRESS
 18
19
                    '2-716/B/6'
20
                  , 'GANDHI ROAD'
21
                  , 'HYDERABAD'
 22
                   , 'RANGA REDDY'
 23
                  , 'ANDHRA PRADESH'
                  ,'INDIA'
 24
 25
                   '500016'
 26
 27
      ,FEES
 28
 29
 30
             100000
 31
            ,6000
 32
            ,2000
 33
            ,1500
 34
            ,5000
 35
            ,20000
 37
            ,27000
 38
 39
   );
1 row creat
               FROM MCAStudent;
SQL> SELECT *
STUDENT (PERSONID, PERSONFULLNAME (FIRSTNAME, MIDDLENAME, LASTNAME),
PERSONDOB, PE
 UDENTFEES(TUTIONFEES, LABFEES, SPORTSFEES, LIBRARYFEES, EXAMFEES,
TRANSPORTFEE
```

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```
.....
PERSON(1234, NAME('SATHISH', 'KUMAR', 'YELLANKI'), '02-OCT-86',
ADDRESS ('2-715/B
/6', 'BALKAMPET ROAD', 'HYDERABAD', 'RANGA REDDY', 'ANDHRA PRADESH',
'INDIA', '5
00016'))
FEES(100000, 6000, 2000, 1500, 5000, 20000, 12000, 27000)
PERSON(1235, NAME('RAVI', 'KUMAR', 'SHARMA'), '03-JAN-86', ADDRESS
716/B/6',
'SHIVAM ROAD', 'HYDERABAD', 'RANGA REDDY', 'ANDHRA PRADESH',
'500016'))
FEES (100000, 6000, 2000, 1500, 5000, 20000, 12000, 27000)
STUDENT (PERSONID, PERSONFULLNAME (FIRSTNAME, MIDDLENAME,
                                                     LASTNAME),
PERSONDOB, PE
                                           LIBRARYFEES, EXAMFEES,
STUDENTFEES (TUTIONFEES, LABFEES, SPORTSFEES,
TRANSPORTFEE
                                   'RANJAN'), '23-JUN-86', ADDRESS('2-
PERSON (1236, NAME ('RAMANA', 'KUMAR',
, 'GANDHI ROAD', 'HYDERABAD', 'RANGA REDDY', 'ANDHRA PRADESH', 'INDIA',
'500016'
FEES(100000, 6000, 2000, 1500)
                              5000, 20000, 12000, 27000)
SQL> COLUMN FNAME FORMAT
SQL> COLUMN Mname FORMAT
SQL> COLUMN LName FORMAT A10
SQL> COLUMN FullName FORMAT A30
SOL> SELECT
  2 E1.Student.PersonFullName.FirstName FName,
  3 E1.Student PersonFullName.MiddleName MName,
  4 E1.Student PersonFullName.LastName LName,
    E1.Student.PersonFullName.FirstName||' '
    NET.Student.PersonFullName.MiddleName||' '
     | B1.Student.PersonFullName.LastName FullName
    FROM MCAStudent E1:
          MNAME
                     LNAME
                               FULLNAME
SATHISH
          KUMAR
                     YELLANKI
                               SATHISH KUMAR YELLANKI
RAVI
          KUMAR
                     SHARMA
                             RAVI KUMAR SHARMA
RAMANA
          KUMAR
                     RANJAN RAMANA KUMAR RANJAN
```

.....

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SOL> ED Wrote file afiedt.buf CREATE OR REPLACE VIEW StudentNameInfo 2 3 SELECT 4 E1.Student.PersonFullName.FirstName FName, 5 E1.Student.PersonFullName.MiddleName MName, 6 E1.Student.PersonFullName.LastName LName, 7 E1.Student.PersonFullName.FirstName||' ' 8 | | E1.Student.PersonFullName.MiddleName | | ' ' 9 | | E1.Student.PersonFullName.LastName FullName 10* FROM MCAStudent E1 SQL> / View created. SOL> DESC StudentNameInfo Name VARCHAR2 (20) FNAME MNAME VARCHAR2 (20) LNAME VARCHAR2 (20) FULLNAME VARCHAR2 (62) SQL> SELECT * FROM StudentNameInf FNAME MNAME FULLNAME SATHISH SATHISH KUMAR YELLANKI KUMAR RAVI KUMAR RAVI KUMAR SHARMA RAMANA KUMAR RAMANA KUMAR RANJAN SQL> SELECT Fname, MName, LName 2 FROM StudentNameInfo; FNAME LNAME SATHISH **UMAR** YELLANKI KUMAR SHARMA KUMAR RANJAN SELECT FullName FROM StudentNameInfo; FULLNAME SATHISH KUMAR YELLANKI

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RAVI KUMAR SHARMA RAMANA KUMAR RANJAN SOL> cl scr SQL> DESC MCAStudent Name Null? Type STUDENT PERSON PERSONID NUMBER (6 PERSONFULLNAME NAME FIRSTNAME VARCHAR MIDDLENAME VARCHAR2 (20) VARCHAR2 (20) LASTNAME PERSONDOB **PERSONADDRESS** DDRESS VARCHAR2 (15) HOUSENUM VARCHAR2 (20) STREET CITY VARCHAR2 (20) DISTRICT VARCHAR2 (20) VARCHAR2 (20) STATE COUNTRY VARCHAR2 (20) PIN CHAR (6) STUDENTFEES FEES TUTIONFEES NUMBER (8,2) LABFEES NUMBER (6,2)SPORTSFEES NUMBER (6, 2)LIBRARYFEES NUMBER (6, 2)EXAMFEES NUMBER (6, 2)TRANSPORTFEES NUMBER (7, 2)HOSTELFEES NUMBER (8, 2)**MESSFEES** NUMBER (8,2) SOL> ED Wrote file afiedt SELECT MCA. STUDENT. PERSONID StudID, MCA STUDENT.PERSONFULLNAME.FIRSTNAME FName, STUDENT.PERSONFULLNAME.MIDDLENAME MName, MCA.STUDENT.PERSONFULLNAME.LASTNAME LName, MCA.STUDENT.PERSONDOB PDOB, MCA.STUDENT.PERSONADDRESS.HOUSENUM Hno, MCA.STUDENT.PERSONADDRESS.STREET Street, 9 MCA.STUDENT.PERSONADDRESS.CITY City, 10 MCA.STUDENT.PERSONADDRESS.DISTRICT District, MCA.STUDENT.PERSONADDRESS.STATE State, 12 MCA.STUDENT.PERSONADDRESS.COUNTRY Country,

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```
13 MCA.STUDENT.PERSONADDRESS.PIN PinCode,
 14 MCA.STUDENT.STUDENTFEES.TUTIONFEES TFees,
 15 MCA.STUDENT.STUDENTFEES.LABFEES LabFees,
 16 MCA.STUDENT.STUDENTFEES.SPORTSFEES SPFees,
 17 MCA.STUDENT.STUDENTFEES.LIBRARYFEES LibFees,
 18 MCA.STUDENT.STUDENTFEES.EXAMFEES ExmFees,
 19 MCA.STUDENT.STUDENTFEES.TRANSPORTFEES TrFees,
 20 MCA.STUDENT.STUDENTFEES.HOSTELFEES HstlFees,
 21 MCA.STUDENT.STUDENTFEES.MESSFEES MessFees
 22* FROM MCAStudent MCA
SQL> /
MCA.STUDENT.STUDENTFEES.MESSFEES MessFees
ERROR at line 21:
                                                    invalid identifier
ORA-00904: "MCA"."STUDENT"."STUDENTFEES"."MESSFEES":
SOL> ED
Wrote file afiedt.buf
  1 SELECT
  2 MCA.STUDENT.PERSONID StudID,
  3 MCA.STUDENT.PERSONFULLNAME.FIRSTNAME FName,
  4 MCA.STUDENT.PERSONFULLNAME.MIDDLENAME MName,
  5 MCA.STUDENT.PERSONFULLNAME.LASTNAME LName,
  6 MCA.STUDENT.PERSONDOB PDOB,
    MCA.STUDENT.PERSONADDRESS.HOUSENUM Hno,
  7
 8 MCA.STUDENT.PERSONADDRESS.STREET Street,
9 MCA.STUDENT.PERSONADDRESS.CITY City,
10 MCA.STUDENT.PERSONADDRESS.DISTRICT District,
 11 MCA.STUDENT.PERSONADDRESS.STATE State,
 12 MCA.STUDENT.PERSONADDRESS.COUNTRY Country,
 13 MCA.STUDENT.PERSONADDRESS.PIN PinCode,
 14 MCA.STUDENTFEES.TUTIONFEES TFees,
 15 MCA.STUDENTREES.LABFEES LabFees,
 16 MCA.STUDENTFRES.SPORTSFEES SPFees,
 17 MCA.STUDENTFEES.LIBRARYFEES LibFees,
 18 MCA.STUDENTFEES.EXAMFEES ExmFees,
    MCA.STUDENTFEES.TRANSPORTFEES TrFees,
 19
    MCA STUDENTFEES. HOSTELFEES HstlFees,
     MCA STUDENTFEES.MESSFEES MessFees
    FROM MCAStudent MCA
                    MNAME
                               LNAME
                                            PDOB
    STUDID FNAME
                                                      HNO
STREET
                    CITY
                                        DISTRICT
                                          PINCOD
                                                      TFEES
STATE
                     COUNTRY
```

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SPFEES LIBFEES EXMFEES TRFEES HSTLFEES MESSFEES 1234 SATHISH KUMAR YELLANKI 02-OCT-86 2-715/B/6 BALKAMPET ROAD HYDERABAD RANGA REDDY ANDHRA PRADESH INDIA 500016 100000 ANDHRA PRADESH 2000 1500 5000 20000 12000 27000 STUDID FNAME MNAME LNAME PDOB HNO CITY COUNTRY PINCOD TFEES LABFEES SPFEES LIBFEES EXMFEES TRFEES HSTIFEES 1235 RAVI KUMAR SHARMA 03-JAN-86 2-716/B/6 SHIVAM ROAD HYDERABAD RANGA REDDY ANDHRA PRADESH INDIA 500016 100000 20000 2000 1500 5000 12000 27000 STUDID FNAME MNAME LNAME STREET CITY DISTRICT

STATE COUNTRY PINCOD TFES LABFEES

SPFEES LIBFEES EXMFEES TRFEES HSTLFEES MESSFEES

1236 RAMANA KUMAR RANJAN 23-JUN-86 2-716/B/6
GANDHI ROAD HYDERABAD RANGA REDDY
ANDHRA PRADESH INDIA 500016 100000 6000
2000 1500 5000 20000 12000 27000

SQL> ED
Wrote file afiedt.buf

- 1 CREATE OR REPLACE VIEW MCAStudInfo
- 2 AS
- 3 SELECT
- MCA.STUDENT.PERSONID StudID,
- 5 MCA.STUDENT.PERSONFULLNAME.FIRSTNAME FName,
- 6 MCA.STUDENT.PERSONFULLNAME.MIDDLENAME MName,
- 7 MCA.STUDENT.PERSONFULLNAME.LASTNAME LName,
- MCA.STUDENT.PERSONDOB PDOB,
- 9 MCA.STUDENT.PERSONADDRESS.HOUSENUM Hno,

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Contact For Courses And Training in

Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix

```
.....
 10 MCA.STUDENT.PERSONADDRESS.STREET Street,
 11 MCA.STUDENT.PERSONADDRESS.CITY City,
 12 MCA.STUDENT.PERSONADDRESS.DISTRICT District,
 13 MCA.STUDENT.PERSONADDRESS.STATE State,
 14 MCA.STUDENT.PERSONADDRESS.COUNTRY Country,
 15 MCA.STUDENT.PERSONADDRESS.PIN PinCode,
 16 MCA.STUDENTFEES.TUTIONFEES TFees,
 17 MCA.STUDENTFEES.LABFEES LabFees,
 18 MCA.STUDENTFEES.SPORTSFEES SPFees,
 19 MCA.STUDENTFEES.LIBRARYFEES Librees,
 20 MCA.STUDENTFEES.EXAMFEES ExmFees,
 21 MCA.STUDENTFEES.TRANSPORTFEES TrFees,
 22 MCA.STUDENTFEES.HOSTELFEES HstlFees,
 23 MCA.STUDENTFEES.MESSFEES MessFees
 24* FROM MCAStudent MCA
SOL> /
View created.
SQL> DESC MCAStudInfo
Name
 STUDID
                                                    NUMBER (6)
 FNAME
                                                    VARCHAR2 (20)
 MNAME
                                                    VARCHAR2 (20)
 LNAME
                                                   VARCHAR2 (20)
 PDOB
                                                    DATE
 HNO
                                                    VARCHAR2 (15)
 STREET
                                                    VARCHAR2 (20)
 CITY
                                                   VARCHAR2 (20)
 DISTRICT
                                                    VARCHAR2 (20)
 STATE
                                                    VARCHAR2 (20)
 COUNTRY
                                                    VARCHAR2 (20)
 PINCODE
                                                    CHAR (6)
 TFEES
                                                    NUMBER (8, 2)
 LABFEES
                                                    NUMBER (6, 2)
 SPFEES
                                                    NUMBER (6, 2)
                                                    NUMBER (6,2)
 LIBFEES
 EXMFEES
                                                    NUMBER (6,2)
                                                    NUMBER (7,2)
 HSTIFEES
                                                    NUMBER (8, 2)
 MESSFEES
                                                    NUMBER (8,2)
 L> SELECT * FROM MCAStudInfo;
    STUDID FNAME
                     MNAME
                                LNAME
                                           PDOB
                                                     HNO
STREET
                     CITY
                                         DISTRICT
```

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STATE		COUNTR	Y		ΡI	NCOD	T	FEES	LAI	BFEES
SPFEES	LIBFE		MFEES	TRFE	ES	HSTLF	EES	MES	SFEES	
1234 BALKAMPET I ANDHRA PRAI 2000		KUMAR HYDERAI INDIA	BAD	YELLANKI	RA 50	NGA RED 0016	DY 10	0000	27000	6000
STUDID	FNAME	MNAME		LNAME		PDOB	H:	NO C		. 1
STREET		CITY			DI	STRICT	+	No.		
STATE		COUNTRY	Y		PI	NCOD	T	FEES	LAI	BFEES
SPFEES	LIBFE			TRFE	ES	HSTLF	EES	MES	SFEES	
1235 SHIVAM ROAI ANDHRA PRAI 2000		KUMAR HYDERAI INDIA	BAD		RA		DY 10	0000		6000
STUDID	FNAME	MNAME	♦	LNAME		PDOB	H:	NO 		
STREET		CITY	+	2	DI	STRICT				
STATE		COUNTR		· 	PI	NCOD	T	FEES	LAI	BFEES
SPFEES	LIBFE	es exi	MFEES	TRFE	ES	HSTLF:	EES	MES	SFEES	
1236 GANDHI ROAI ANDHRA PRAI		KUMAR HYDERAI INDIA		RANJAN	RA		DY			6000
2000	150		5000	200		12				
3 E1 Stu 4 E1.Stu 5 E1.Stu 6 E1.S	ident.Persudent.Pers	sonFullNa sonFullNa sonFullNa ersonFul	ame.Mame.La ame.La ame.Fa lName	iddleName astName L irstName .MiddleNa	MN Nam ' me	ame, e, '				

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- 11 FROM MCAStudent
- 12) E1;

FNAME	MNAME	LNAME	FULLNAME
SATHISH	KUMAR	YELLANKI	SATHISH KUMAR YELLANKI
RAVI	KUMAR	SHARMA	RAVI KUMAR SHARMA
RAMANA	KUMAR	RANJAN	RAMANA KUMAR RANJAN

SOL> UPDATE MCAStudent MCA

- 2 SET
- 3 MCA.Student.PersonFullName.FirstName = 'RAGHAVA'
- 4 WHERE MCA.Student.PersonID = 1236;
- 1 row updated.

SQL> UPDATE

- 2 (
- 3 SELECT *
- 4 FROM MCAStudent
- 5) MCA
- 6 SET
- 7 MCA.Student.PersonFullName.FirstName = RAGHAVA
- 8 WHERE MCA.Student.PersonID = 1236;
- 1 row updated.

SQL> SELECT * FROM TAB;

TNAME	X X	TABTYPE	CLUSTERID
MCASTUDENT		TABLE	
STUDENTNAMEINFO		VIEW	
MCASTUDINFO		VIEW	

SOL> SELECT * FROM STUDENTNAMEINFO:

FNAME	MNAME	LNAME	FULLNAME
	,		
SATHISH	KUMAR	YELLANKI	SATHISH KUMAR YELLANKI
RAVI	KUMAR	SHARMA	RAVI KUMAR SHARMA
RAGHAVA	KUMAR	RANJAN	RAGHAVA KUMAR RANJAN

SQL UPDATE MCAStudInfo

- 2 SET FNAME = 'RAJNISH'
- 3 WHERE STUDID = 1236;
- 1 row updated.

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SQL> DELETE MCAStudent MCA 2 WHERE MCA.Student.PersonID = 1236; 1 row deleted. SQL> DELETE (3 SELECT * FROM MCAStudent) MCA WHERE MCA.Student.PersonID = 1236; 0 rows deleted. SQL> DELETE FROM MCAStudInfo 2 WHERE STUDID = 1236; 0 rows deleted. SQL> SPOOL OFF

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